

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
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Complete if Known

Application Number	10/797,807
Filing Date	03/10/2004
First Named Inventor	DALSON YE SENG KIM
Art Unit	2811
Examiner Name	
Attorney Docket Number	02-1467.1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

Date
Considered

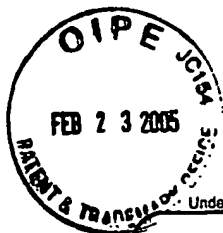
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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
KK	A	US- 2002/0068379	06-06-2002	Cobbley et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

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DALSON YE SENG KIM

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		Number-Kind Code ² (if known)			
KR	A	US- 4,210,926	07/01/1980	Hacke	
	B	US- 5,397,921	03/14/1995	Karnezos	
	C	US- 5,409,865	04/25/1995	Karnezos	
	D	US- 5,420,460	05/30/1995	Massingill	
	E	US- 5,581,226	12/03/1996	Shah	
	F	US- 5,663,593	09/02/1997	Mostafazadeh et al.	
	G	US- 5,866,939	02/02/1999	Shin et al.	
	H	US- 5,898,220	04/27/1999	Ball	
	I	US- 5,969,416	10/19/1999	Kim	
	J	US- 5,973,393	10/26/1999	Chia et al.	
	K	US- 5,976,912	11/02/1999	Fukutomi et al.	
	L	US- 6,028,356	02/22/2000	Kimura	
	M	US- 6,064,111	05/16/2000	Sota et al.	
	N	US- 6,083,776	07/04/2000	Manteghi	
	O	US- 6,114,760	09/05/2000	Kim et al.	
	P	US- 6,181,000 B1	01/30/2001	Ooigawa et al.	
	Q	US- 6,187,612 B1	02/13/2001	Orcutt	
	R	US- 6,228,683 B1	05/08/2001	Manteghi	
KR	S	US- 6,310,390 B1	10/30/2001	Moden	

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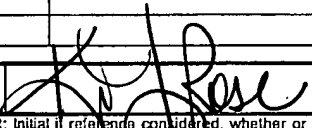
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		First Named Inventor	DALSON YE SENG KIM
		Art Unit	
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Attorney Docket Number	02-1467.1		
Sheet	2	of	3

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RR	T	US- 6,310,390 B1	10/30/2001	Moden	
	U	US- 6,337,510 B1	01/08/2002	Chun-Jen et al.	
	V	US- 2002/0031902A1	03/14/2002	Pendse et al.	
	W	US- 6,359,221 B1	03/19/2002	Yamada et al.	
	X	US- 6,415,977 B1	07/09/2002	Rumsey	
	Y	US- 6,465,877 B1	10/15/2002	Farnworth et al.	
	Z	US- 6,506,625 B1	01/14/2003	Moden	
	AA	US- 6,507,114 B2	01/14/2003	Hui	
	AB	US- 6,521,483 B1	02/18/2003	Hashimoto	
RR	AC	US- 6,552,427 B2	04/22/2003	Moden	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	AD	JP 6-252194	09/09/1994	Nakayoshi et al		

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		Examiner Name	
Sheet 214 3	of 214 3	Attorney Docket Number	02-1467.1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AE	MASASUMI AMAGAI, "Chip-Scale Packages for Center-Pad Memory Devices", CHIP SCALE REVIEW, May 1998, pgs 68-72.	
	AF	MASASUMI AMAGAI, "CSP with Flexible Substrates-Packaging Process", CHIP SCALE REVIEW, May, 1998, pgs 73-77.	
KR	AG	US Patent Application Serial No. 10/136,186, filed May 1, 2002.	

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